

KEY PLAN
N.T.S.

LEGEND	
	POLE LIGHTS
	WALL LIGHTS
	PHOTOMETRIC VALUES (SHOWN IN FOOT CANDLES)
	ISOMETRIC LIGHT CURVES

- NOTE: ALL LIGHT FIXTURES ARE TO BE FULL CUT-OFF "NIGHT SKY COMPLIANT"
- NOTE: CONTRACTOR TO REVIEW LIGHT FIXTURE SHOP DRAWINGS WITH CLIENT AND ENGINEER PRIOR TO COMMENCEMENT OF WORK FOR FINAL APPROVAL.
- CONTRACTOR TO BE RESPONSIBLE FOR LOCATION OF ALL EXISTING UNDERGROUND & OVERHEAD UTILITIES. VARIOUS UTILITIES CONCERNED TO BE GIVEN REQUIRED ADVANCE NOTICE PRIOR TO ANY DIGGING, FOR STAKE OUT. THE CONSULTANT ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING UTILITIES AS INDICATED ON THIS DRAWING.
- THIS DRAWING INDICATES ALL PROPOSED OUTDOOR LIGHTING FIXTURES FOR THIS PROPOSED DEVELOPMENT. THE LIGHTING DESIGN IS IN ACCORDANCE WITH THE APPLICABLE LIGHTING ZONE AS ESTABLISHED BY THE PLANNING DEPARTMENT, AND DESIGNED WITH AN AVERAGE TO MINIMUM RATIO IN ACCORDANCE WITH THE ILLUMINATING ENGINEERS SOCIETY GUIDELINES. THIS LIGHTING DESIGN WILL NOT CREATE ANY OBJECTIONABLE GLARE FOR ADJACENT PROPERTIES.

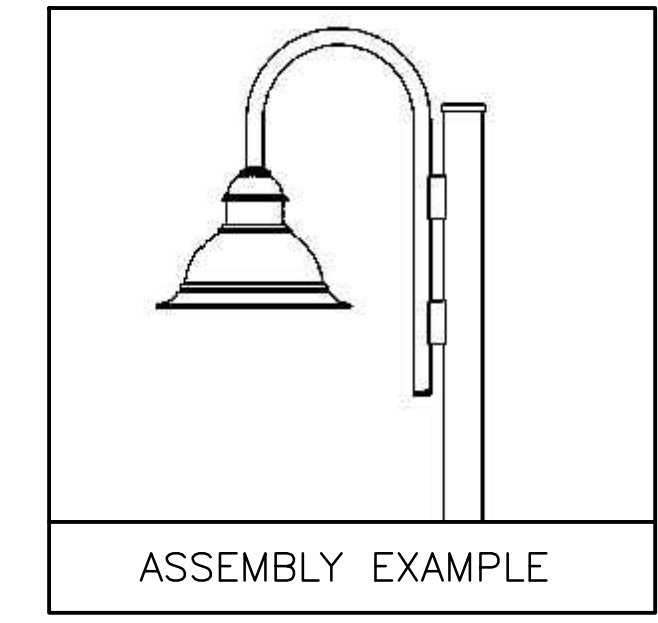
SITE LIGHTING FIXTURE SCHEDULE:

- TYPE P1 POLE LIGHT**
- LAMP TYPE: LUMEC DOMUS 55W LED, FULL CUT-OFF, TYPE 3.
 - MODEL: LUMEC DOMUS #DMS55-55W48LED4K-T-LE3F (OR APPROVED EQUIVALENT)
ARM: LUMEC GOOSE NECK BRACKET ARM #CN5-1A (OR APPROVED EQUIVALENT)
POLE: LUMEC ROUND STEEL POLE #SPR4N-20-LBC4C (6m POLE) (OR APPROVED EQUIVALENT)
 - LUMINAIRE MOUNTING HEIGHT TO BE 6m ABOVE GRADE. REFER TO LIGHT POLE BASE DETAIL.
- TYPE P2 POLE LIGHT**
- LAMP TYPE: LUMEC DOMUS 55W LED, FULL CUT-OFF, TYPE 3, DOUBLE HEAD.
 - MODEL: LUMEC DOMUS #DMS55-55W48LED4K-T-LE3F (OR APPROVED EQUIVALENT)
ARM: LUMEC GOOSE NECK BRACKET ARM #CN5-1A (OR APPROVED EQUIVALENT)
POLE: LUMEC ROUND STEEL POLE #SPR4N-20-LBC4C (6m POLE) (OR APPROVED EQUIVALENT)
 - LUMINAIRE MOUNTING HEIGHT TO BE 6m ABOVE GRADE. REFER TO LIGHT POLE BASE DETAIL.
- TYPE W1 WALL LIGHT**
- LAMP TYPE: PHILIPS LYTEPRO LED SCONCE 40W LED, FULL CUT-OFF.
 - MODEL: STONCO #LPW16-78DGY
 - LUMINAIRE MOUNTING HEIGHT TO BE 3.2m ABOVE GRADE OR AS DIRECTED BY ARCHITECT. COORDINATE AND CONFIRM ALL LIGHTING LOCATIONS WITH ARCHITECT AND ENGINEER PRIOR TO COMMENCEMENT OF WORK.

- TYPE EX1 POLE LIGHT**
- LAMP TYPE: LUMEC DOMUS 55W LED, FULL CUT-OFF, TYPE 3.
 - MODEL: LUMEC DOMUS #DMS55-55W48LED4K-T-LE3F (OR APPROVED EQUIVALENT)
ARM: LUMEC GOOSE NECK BRACKET ARM #CN5-1A (OR APPROVED EQUIVALENT)
POLE: LUMEC ROUND STEEL POLE #SPR4N-20-LBC4C (6m POLE) (OR APPROVED EQUIVALENT)
 - LUMINAIRE MOUNTING HEIGHT TO BE 6m ABOVE GRADE. REFER TO LIGHT POLE BASE DETAIL.
- TYPE EX2 POLE LIGHT**
- LAMP TYPE: LUMEC DOMUS 80W LED, FULL CUT-OFF, TYPE 3.
 - MODEL: LUMEC DOMUS #DMS55-80W48LED4K-T-LE3F (OR APPROVED EQUIVALENT)
ARM: LUMEC GOOSE NECK BRACKET ARM #CN5-1A (OR APPROVED EQUIVALENT)
POLE: LUMEC ROUND STEEL POLE #SPR4N-20-LBC4C (6m POLE) (OR APPROVED EQUIVALENT)
 - LUMINAIRE MOUNTING HEIGHT TO BE 6m ABOVE GRADE. REFER TO LIGHT POLE BASE DETAIL.
- TYPE EX3 POLE LIGHT**
- LAMP TYPE: STRESSCORET K206 MARINA
 - MODEL: #K206-P4AS-III-75(SS)-7030-120:277-PBC-4K
 - ARM: #KAS1-S (ARM LENGTH = 0.61m)
 - POLE: #E350-AP0-G-S11 C/W FC (MOUNTING HEIGHT = 7.4m)

- TYPE EX4 WALL LIGHT**
- LAMP TYPE: PHILIPS LYTEPRO LED SCONCE 40W LED, FULL CUT-OFF.
 - MODEL: STONCO #LPW16-78DGY
 - LUMINAIRE MOUNTING HEIGHT TO BE 3.2m ABOVE GRADE OR AS DIRECTED BY ARCHITECT. COORDINATE AND CONFIRM ALL LIGHTING LOCATIONS WITH ARCHITECT AND ENGINEER PRIOR TO COMMENCEMENT OF WORK.

- SITE LIGHTING NOTES:**
- ALL NEW OUTSIDE LIGHTS TO BE CONTROLLED BY BUILDING PHOTOCELL AND TIME SWITCH. COORDINATE CONTROLS AND POWER REQUIREMENTS WITH BUILDING DISTRIBUTION DRAWINGS.
 - ALL PHOTOMETRIC VALUES ARE SHOWN IN FOOT CANDLES.



NO.	REVISION	DATE	BY	APPROVED
REVISIONS				
PORT OF NEWCASTLE, CLARINGTON, ON. THE KAITLIN GROUP - RESIDENTIAL DEVELOPMENT				
SITE LIGHTING BLD 'C' PHOTOMETRIC PLAN				
D.G. Biddle & Associates Limited consulting engineers and planners				
96 KING STREET EAST • OSHAWA, ON L1H 1B6 PHONE (905) 576-8500 • FAX (905) 576-9730 INFO@DGBIDDLE.COM				
SCALE:	1:400	PROJECT NO.	119790	
DRAWN BY:	B.C.A.	DRAWING NO.	SL-1	
DESIGN BY:	G.V.W.O./B.C.A.	CAD FILE:	119790 SL	
CHECKED BY:	G.V.W.O.	PLOT DATE:	09/15/21	
DATE:	SEPT 2021	SUBMISSION:	S.P.A.	